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STATE OF MISSOURI
MISSOURI DEPARTMENT OF NATURAL RESOURCES
GEOLOGICAL SURVEY PROGRAM

PONTULAR ECEIVEI until 9-1-2010 AUG 21 2009

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

	TION TO [ORILL	☐ DEEPEN	☐ PLU	JG BACK	FOR AN Ø		a diver	ED OR	JAS W	ELIL
NAME OF COMPAN		OR					C	DATE			
Colt Energy,	Inc				Low			3/20/20	009 ZIP C	ODE	
ADDRESS	Island De				CITY			TATE	667		
1112 Rhode DESCRIPTIO		200000000000000000000000000000000000000	LEASE	Contract of the last	lola		r	(S	007	49	
NAME OF LEASE	NOI WE	LAND	LEASE		WELL NUMBER	80	E		N (GROUND		
LEIST TRUS	T, M. 06	3333			4.7-6			8	30		
WELL LOCATION				(GIVE FOOTA	GE FROM SECTION LINES	i)					
WELL LOCATION		190 ft.	from North S	outh section line	1700 ft. from	☐ East 🛛 \		ction lin	е		
Sec. 06 Tow	nship 33	North	Range 33 DE	ast 🛛 West	37.64009	-94.61145	1	ERNI	ON BA	RTON	
			ED LOCATION TO PRO								
DISTANCE FROM	PROPOSED	LOCAT	ON TO NEAREST DRI	LLING, COMPLET	ED OR APPLIED - FOR	R WELL ON TH	E SAME	LEASE	430 FEET		
PROPOSED DEPTH		DRILLING	CONTRACTOR, NAME A	ND ADDRESS		ROTARYOR	CABLE TO	OLS A	APPROX. DAT	re work	WILL START
400		EVAN	S ENERGY DE	/ELOPMENT		AIR ROT	ARY				
NUMBER OF ACRES	IN LEASE	NUMBE	R OF WELLS ON LEAS	E INCLUDING TH	IS WELL, COMPLETED	IN OR DRILLI	NG TO T	HIS RES	ERVOIR 1		
220		NUMBE	R OF ABANDONED W	ELLS ON LEASE ()						
IF LEASE PURCH	ASED WITH		MORE WELLS DRILLE	-		1	O. OF W	ELLS	PRODU	JCING	0
									INJEC	CTION	0
NAME										CTIVE	-
ADDRESS					1-				ABAND		<u>0</u>
STATUS	OF BOND		SINGLE WELL AMOUNT \$		☐ BLANKE	ET BOND IT \$ <u>20000.0</u>	0		Ø ON F		
REMARKS: (IF THIS	IS AN APPLICA	ATION TO	DEEPEN OR PLUG BACK	BRIEFLY DESCRIBE	WORK TO BE DONE, GIV	ING PRESENT P	RODUCIN	G/INJEC	TION ZONE A	ND EXPE	CTED NEW
			.)								
STRATIGRA	HIC CO	KE H	ILE								
	00000	SED CA	SING PROGRAM		APPROVED	CASING - TO	DE EU I	ED IN E	VETATE	SEOLOG	IST
AMOUNT	SIZ		WT/FT	CEMENT	AMOUNT	SIZE	BEFILL		TIFT		MENT
AMOUNT	312		*****	OCIVICIAL	W P.//	La	60		plugo	1	Com
				***	VOU	7.	01		1 30	-	
					TD	Fo	50	Hace	n	Por	How
make this repor	t, and tha	t this re		under my sup	RGY, INC (Comparervision and direction						
SIGNATURE	6.	1	- ,				DA	ATE 8	/201	2000	3
PERMIT NUMBER	from	900	\$ 20050 B	DRILLER'S LO	G REQUIRED	ÀT E-	LOGS RE	QUIRE	D IF RUN		/
APPROVED DATE	Ŧ	717	0 00000	*	IS REQUIRED IF RUN	6. V			ST INFO R	EQUIRE) IF RUN
AFFROVEDUATE	9-	1-0	9.	SAMPLES REC	UIRED						
APPROVED BY	1	1	MAD)	SAMPLES NOT	REQUIRED						
1024	oh l	1. /	Colman	WATER SAMPL	ES REQUIRED AT						
NOTE >	THIS PER	RMIT N	OT TRANSFERAL	BLE TO ANY C	THER PERSON C	OR TO ANY	OTHER	RLOC	ATION.		
			IL AND GAS COUNCIL		STITUTE ENDORSEME	NT OF THE G	EOLOGIC	MERIT	S OF THE	PROPOS	SED
I, of the	(C	ompan	y), confirm that an	approved drilli	ng permit has beer						
approval of this	permit wil	be sho	own on this form b	y presence of a	a permit number an	nd signature	of auth	iorized	council	represe	ntative.
ORILLER'S SIGNATUR	E						DA	TE			

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FORM OGC-4

AUG 21 2009



STATE OF MISSOURI MISSOURI DEPARTMENT OF NATURAL RESOURCES GEOLOGICAL SURVEY PROGRAM WELL LOCATION PLAT

OWNER'S NAME				-	Mo Oil	& Ga	s Counc	cil
COLT ENERGY, INC.					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
LEASE NAME		11	TUEC	3 # 200	050	COUNTY	NON BART	ON
LEIST TRUST, M. 063333 4.7-	6	(GIVE FOOTAGE FROM	ALTO (750	VER	NON .	
190 ft. from ☐ Nort				ft. from 🔲 E	ast M We	est from se	ection line	
WELL LOCATION	11 🖂 30dtii iii	om section inte	1700	11. 110111			. /	
Sec. 06 Township 33 North Rai	nge <u>33</u> 🔲 8	East 🛛 West			6	-anlayo	1 KS	
LATITUDE			LONGITUE					
37.64009	1		-94.61	145				T
							-	
	\	1700'FWL-	70° E	·o/				
REMARKS	1		1 140 1	,				
INSTRUCTION	ONS		This is to	o certify that il and gas we	I have exe	cuted a surdance wi	th 10 CSR 50	rately 0-2.030 and
On the above plat, show distance of	the proposed	well from the	that the	results are co	orrectly sho	own on the	e above plat.	
two nearest section lines, the neares	t lease line, ar	nd from the						
nearest well on the same lease comp same reservoir. Do not confuse surv	pleted in or dri rev lines with I	lling to the ease lines.						
See rule 10 CSR 50-2.030 for survey	requirements	s. Lease lines						
must be marked.								
REMIT TWO (2) CO			REGISTERE	D LAND SURVEY	OR		NUMBER	
GEOLOGICAL SURVE PO BOX 250, ROLLA, MO 6540		68-2143						
ONE (1) COPY WILL B								

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STATE OF MISSOURI MISSOURI DEPARTMENT OF NATURAL RESOURCES GEOLOGICAL SURVEY PROGRAM

SEP 28 2009

E)	
A	FORM OGC-7
9 (11)	
	PANEIDENTA
	MINISTRALIA
ouncil	unt 1 9-28-20,
66749	OR OGC-31 NUMBER
BEN (000-3 C	OR OGC-31 NOMBER
COUNTY	
BARTON	N
ODUCTION)	DRY?
	⊠ Yes □ No
AY)	2
(1)	
nd depth of plu mount of ceme	
imount or ceme	art.
nd surface	e to TD
a surrace	3 10 1 15

X W	PLUG	GING RE	CORD							
OWNER'S NA						ADDRESS MO	Oil 8	Gas C	Council	unt 1 9-22-
Colt Ene						1112 Rhode Is	land Ro	oad, Iola, K	S 66749	
	UST, M. 06	3333				4.7-6		20050	MBER (OGC-3 (OR OGC-31 NUMBER
LOCATION OF			OR BLOCK AND	SURVEY		LATITUDE	LONGIT		COUNTY	
Sec. <u>06</u> T	ownship 33	North Ran	ige <u>33</u> ☐ Ea			37.64009		61145	BARTO	N
JIM STE		S WELL WAS FII	LED IN NAME OF:	HAS THIS WELL PRODUCED OIL Yes		CHARACTER OF WELL OIL (BBLS/DAY)	AT COMPL	ETION (INITIAL PI GAS (MCF/DAY		DRY? Yes No
DATE OF ABA	NDONMENT	TOTAL DEPT	ГН		RODUCING	PRIOR TO ABANDONMEN	NT	WATER (BBLS/	DAY)	
9/29/200	9	305		OIL (BBLS/DAY)		GAS (MCF/DAY)				
	formation contain formation open t nment	22	Fluid content	of each formation	Depth in	nterval of each formation			and depth of plu amount of cem	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -
		341					plugge	ed, w/portla	ind surfac	e to TD
							44sa	acks cemer	nt	
- Bearing and a second						GIVE DEPTH AND	METHOD	Ţ		
SIZE PIPE	IZE PIPE PUT IN WELL (FT) PULLED (PULLED OF	JT LEFT IN (F1	Second Collins and Second	OF PARTING CA (SHOT, RIPPED,	ASING	F	PACKERS AN	ID SHOES
7"	23'.9"		23'.9"							
	LED WITH MUD	-	?	INDICATE I	DEEPEST F	ORMATION CONTAINING	FRESH WA	TER		
Yes NAME AN		No SSES OF	ADJACENT I	EASE OPER	ATORS	OR OWNERS OF	THE S	URFACE		
	NA	ME			ADDF	RESS		DIRECT	TION FROM T	HIS WELL
		STATE OF THE STATE								
OF I	OF DISPOS MUD PIT NTENTS	SAL								
NOTE F	ILE THIS FORM	IN DUPLICATE	WITH: (USE REVE	RSE SIDE FOR ADD	DITIONAL D	ETAIL)				
	o make this	s report; ar	d that this re		ared und	ne <u>Colt Energy, In</u> der my supervision				
SIGNATURE	- (10	111/100					DATE/	1_

GEOLOGICAL SURVEY PROGRAM, PO BOX 250, ROLLA, MO 65402 573/ 368-2143.

FORMATION	ТОР	воттом	DESCRIPTION (SEE * BELOW)
			PLEASE SEE THE ATTACHED DRILLING REPORT
4			

NOTE

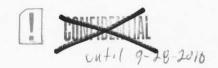
cushion used, time tool open flowing and shut-in pressures, and recoveries.

INSTRUCTIONS

Attach drillers log or other acceptable log of well if available.

This Well Completion or Recompletion report and well log shall be filed with the Missouri State Geologist not later than 30 days after project completion.

RELEASED



Well Refined Drilling Company, Inc. 4230 Douglas Road Thayer, Kansas 66776 Contractor License # 33072 - FEIN # 48-1248553 620-839-5581/Office; 620-432-6170/Jeff; 620-839-5582/FAX

Ng #		A 10 A 15	Lic # 51	50	NERO	S6	T33N	R33W
包排為	24-011-2	200050			Rig # 5	The second secon	n.	
Hiller I	Colt Ene	argy Inc.			4 3	County		Barton - MO
deress	P.O Box	388			WIDL			
300	Iola, Ks	66749			Telegraph Company	Gas	Tests	
Vell#		Lease Name:	Leist		Depth	Oz.	Orfice	flow - MCF
ocation	190	FSL	Line		105		No Flow	
989 V	1700	FWL	Line	6.1	130		No Flow	
in a form	folkstein in	9/3/2009			180		No Flow	
			TD;	305	205		No Flow	AND DESCRIPTION OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUM
filler	Josiah k	Kephart			230		No Flow	CONTRACTOR OF THE PARTY OF THE
	Arcoro de	Surface	Produc	tion	255		No Flow	the same of the sa
iole Siz	FAR.	9 1/4"	6 1/4"		305	-	No Flow	
asing,	Size	7"						
Kaldinie k	pepine	23' 9"						
E TELEVI	A CAN	None						
(B) (10 Sept / 10 Sept / 1								
acks at	F # # 18							
acks at						+		
(0K) (G) (O)		TOMORPOLIZATAS	Colt Ene	roy.Inc.s				
10k# (4.00) (100)		0/10/19/01/16			96	AND LANGES		
		OKOHOEISKA 7/85		WellL	og Formation	Тор	Bottom	Förmation
	ALCHON			Well & Borrom	Formation	Тор	Bottom	Förmation
	ALCHON	oviessellation (a packfill - reclaim	Top 222	Well L Bottom 223	Formation coal	Тор	Bottom	Formation
	F 10 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Portradion backfill - reclaim ground	Тор	Well L Bottom 223 227	Formation coal sand	Тов	Bottom	Förmation
	#	Formation backfill - reclaim ground clay / shale	Top 222 223 227	Well L Bottom 223 227 232	Formation coal	Tob	Bottom	Formation
1 (sk.) 1 (s) 1 (s) 2 (s) 0 (s) 0 (s)	52 2 15 2 15	Formation backfill - reclaim ground clay / shale soft shale	Top 222 223 227 232	Well L Bottern 223 227 232 233	coal send shale coal	Tob	Bottom	Förmation
1000 0 0 0 15 15		Formation backfill - reclaim ground clay / shale soft shale shale	Top 222 223 227	Well L Bottom 223 227 232 233 233	Formation coal send shele coal shale	Tob	Bottom	Formation
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10p d 0 2 15 26 52 101	2 15 26 101 102 106 106 106	Formation backfill - reclaim ground clay / shale soft shale shale clay / soft shale shale coal sand	222 223 227 232 232 233 235 251 264	Well L Böttern 223 227 232 233 238 251 264 305	coal sand shale coal shale sandy shale grade formation Mississippi lime	A Lastin	Bottom	Formation
100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 15 2 20 102 103 104 104 105 106 119	Formation backfill - reclaim ground clay / shale soft shale shale clay / soft shale shale coal sand shale	222 223 227 232 232 233 235 251 264	Well L Böttern 223 227 232 233 238 251 264 305	coal sand shale coal shale sandy shale grade formation Mississippi lime	Tob	Bottom	Formation
10p d 0 2 15 26 52 101	2 15 26 52 15 26 52 101 102 106 119	Formation backfill - reclaim ground clay / shale soft shale shale clay / soft shale shale coal sand shale oil sand	222 223 227 232 232 233 235 251 264	Well L Böttern 223 227 232 233 238 251 264 305	coal sand shale coal shale sandy shale grade formation Mississippi lime	Tob	Bottom	Formation
0 0 2 15 26 52 101 102 106 119	26 52 101 102 119 128 134	Formation backfill - reclaim ground clay / shale soft shale shale clay / soft shale shale coal sand shale	222 223 227 232 232 233 235 251 264	Well L Böttern 223 227 232 233 238 251 264 305	coal sand shale coal shale sandy shale grade formation Mississippi lime	Тор	Bottom	Formation
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STATE OF MISSOURI MISSOURI DEPARTMENT OF NATURAL RESOURCES

GEOLOGICAL SURVEY PROGRAM



RECEIVERDECS

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

FEB 1 1 2009

□ APPLICATION		☐ DEEPEN	☐ PLU	G BACK	FOR AN OIL W		GAS WELL
NAME OF COMPANY OR					V	IDABII & Ga	is Courier
Colt Energy, Inc				CITY		2/5/2009 STATE ZIP 0	CODE
1112 Rhode Isla	nd Road			lola		KS 667	749
DESCRIPTION O		D LEASE	ME THE		CONTRACTOR OF	THE REPORT OF THE PERSON NAMED IN	
NAME OF LEASE		The state of		WELL NUMBER		ELEVATION (GROUND	
Johnson, B&	n Revirs	-173533	IN/E FOOTAGE	1-17N E FROM SECTION LINES)		814	
WELL LOCATION	165	ft. from North :	*******			section line	
WELL LOCATION	100	π. from ⊠ North □ ;	South section line		ONGITUDE	COUNTY	
Sec. 17 Townsh	ip 35 North	Range 33 E	ast 🛛 West	37.82846 -	94.58698	Vernon	
		SED LOCATION TO PR					
DISTANCE FROM PRO		TION TO NEAREST DR		D OR APPLIED - FOR			
PROPOSED DEPTH		NG CONTRACTOR, NAME A			ROTARY OR CABLE		TE WORK WILL START
400		s Energy Develo			rotary air	2/5/2009	,
NUMBER OF ACRES IN L	TACE	ewis Drive Paola					
	NUMB	ER OF WELLS ON LEAS	SE INCLUDING THIS	S WELL, COMPLETED	IN OR DRILLING T	O THIS RESERVOIR	
380	NUMB	ER OF ABANDONED W	ELLS ON LEASE $\underline{0}$				
IF LEASE PURCHASE	D WITH ONE O	R MORE WELLS DRILL	ED, FROM WHOM F	PURCHASED?	NO. C	F WELLS PRODU	
NAME							CTION
ADDRESS						ABAND	
STATUS OF	BOND	SINGLE WELL		⊠ BLANKE	T BOND T \$ 20,000	⊠ ON	FILE ACHED
REMARKS: (IF THIS IS AI	APPLICATION T	O DEEPEN OR PLUG BACK	K, BRIEFLY DESCRIBE				
INJECTION ZONE; USE B							
Stratigraphic cor	ehole for g	eological informa	tion	STRA	ATIGRAPHIC	TEST ONLY	
				1	99		
	PROPOSED C	CASING PROGRAM		APPROVED		FILLED IN BY STATE	
AMOUNT	SIZE	WT/FT	CEMENT	AMOUNT	SIZE	WT/FT	CEMENT
none				llew	to be	plugged	cement
				TD to \	survace	w/portland	Centent
				-			
			O-# F	In (O	- >		aid sampany to
I, the Undersigned	, state that I	am the employee report was prepare	of the Colt Ene	ergy, Inc. (Compa ervision and direct	ny), and that I a	am authorized by s e facts stated there	in are true.
correct, and comp	lete to the be	est of my knowledg	e.	or riotori and an out			
SIGNATURE	1					DATE	
1	in Alie	m				2/3/2009	
PERMIT NUMBER	27	202	DRILLER'S LOC	3 REQUIRED	X E-LOG	S REQUIRED IF RUN	
10000150 0155	1	392		IS REQUIRED IF RUN		SYSTEM TEST INFO	REQUIRED IF RUN
APPROVED DATE	-Z6-	09	SAMPLES REQ				
APPROVED BY	1	10.10	SAMPLES NOT	REQUIRED			
(Joseph	a		☐ WATER SAMPL	ES REQUIRED AT			
NOTE TH	IS PERMIT	NOT TRANSFER	ARI F TO ANY C	THER PERSON (OR TO ANY OT	HER LOCATION.	
	CONTRACTOR CONTRACTOR CONTRACTOR	OIL AND GAS COUNC					PROPOSED
WELL NOR ENDORSE	MENT OF THE	QUALIFICATIONS OF 1	THE PERMITTEE				
					n obtained by t	he owner of this w	ell. Council
I, of the	(Compa	QUALIFICATIONS OF 1 any), confirm that a shown on this form	n approved drilli	ng permit has bee	n obtained by the	he owner of this wa	ell. Council representative.

DRILLER'S SIGNATURE	DATE

MO 780-0211 (8-06)

REMIT TWO (2) COPIES TO: GEOLOGICAL SURVEY PROGRAM, PO BOX 250, ROLLA, MO 65402 573/368-2143.

ONE (1) COPY WILL BE RETURNED.



STATE OF MISSOURI
MISSOURI DEPARTMENT OF NATURAL RESOURCES
GEOLOGICAL SURVEY PROGRAM
WELL LOCATION PLAT

RECEIVED FORM OGC-4

FEB 11 2009

OWNER'S NAME			J.	2222	2 Mo	Oil & 1	Gas Cou	uncil
Colt Energy, Inc.	1	N D W 1		2239	/	COUNTY		
B. Johnson 173533 No. 1-17N WELL LOCATION		&N RevTrs 1			N	Vernon		
165 ft. from ⊠ North	☐ South fro	om section line	830	ft. from 🖂 E	ast 🗌 Wes	t from sec	tion line	
WELL LOCATION		5			00	011	A	
Sec. <u>17</u> Township <u>35</u> North Rang	e <u>33</u>	ast 🗵 West	LONGITU	DE	Ve	efield 1	S	
37.82846			-94.58	698				
							X	
	= =							
REMARKS								
On the above plat, show distance of the two nearest section lines, the nearest nearest well on the same lease complete same reservoir. Do not confuse survey See rule 10 CSR 50-2.030 for survey must be marked.	This is to certify that I have executed a survey to accurately locate oil and gas wells in accordance with 10 CSR 50-2.030 and that the results are correctly shown on the above plat.					ately 2.030 and		
REMIT TWO (2) COI GEOLOGICAL SURVEY PO BOX 250, ROLLA, MO 65402 ONE (1) COPY WILL BE	PROGRAM -0250 (573) 3	68-2143	REGISTE	RED LAND SURV	EYOR		NUMBER	

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STATE OF MISSOURI MISSOURI DEPARTMENT OF NATURAL RESOURCES GEOLOGICAL SURVEY PROGRAM

PLUGGING RECORD

SEP 28 2009

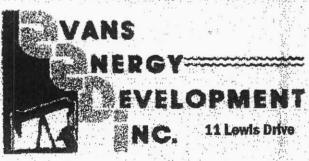
FORM OGC-7

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UULABARA	UULL	31	ANDREAD	THAT	
	1174	11.	4230	بمفضلاالا	
20			TAL 2-20	1/9-20	on+11 9-29

OWNER'S NAM	ΛE					ADDRESS IVIC	OII 8	k Gas (Sounci	1 000,00
Colt Ener	gy, Inc.					1112 Rhode Is	land Ro	ad, Iola, K	S 66749	
NAME OF LEAS						WELL NUMBER		PERMIT NU	IMBER (OGC-3	OR OGC-31 NUMBER
JOHNSON LOCATION OF		V TRS 173	OR BLOCK AND	SLIDVEV		1-17N LATITUDE	LONGIT	22393	Lagurani	
						V-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	LONGIT		COUNTY	
APPLICATION	TO DRILL THIS	WELL WAS FIL	ge 33 Ea	HAS THIS W		37.82846 CHARACTER OF WELL	-94.5		VERNO RODUCTION)	DRY?
JIM STEC	GEMAN				OIL OR GAS?	OIL (BBLS/DAY)		GAS (MCF/DAY		⊠ Yes □ No
DATE OF ABAN	NDONMENT	TOTAL DEPT	Н	AMOUNT WEL		PRIOR TO ABANDONMEN GAS (MCF/DAY)	TV	WATER (BBLS/	/DAY)	
9/29/2009	9	320		OIL (BBLO/BA	,	GAS (MCF/DAT)				
Name of each for	ormation contain	ning oil or gas.						Size kind	and don't of all	uan unned
Indicate which for time of abandon		o well bore at	Fluid content	of each formation	n Depth in	terval of each formation			, and depth of plo g amount of cem	2. 1 31.0 × 2.0 × 10.
							plugge	ed, w/portla	and surfac	e to TD
							46 sa	acks ceme	nt	
	Y									
SIZE PIPE	PUT IN V	WELL (FT)	PULLED O (FT)	UT LEF	T IN WELL (FT)	OF PARTING CA (SHOT, RIPPED,	ASING		PACKERS AN	ND SHOES
7"	23'.2"		23'.2"							
WAS WELL FILE	1	No PLUID	?	INDICA	TE DEEPEST F	ORMATION CONTAINING	FRESH WA	TER		
			DJACENT	LEASE OP	ERATORS	OR OWNERS OF	THE SU	JRFACE		
	NAI	ME			ADDF	RESS		DIREC	TION FROM T	THIS WELL
·										
METHOD O	OF DISPOS	AL				···				
CON	ITENTS									
NOTE FIL	LE THIS FORM	IN DUPLICATE	WITH: (USE REVE	ERSE SIDE FOR	ADDITIONAL D	ETAIL)				
	make this	s report; an		port was pr	epared und	ne <u>Colt Energy, In</u> Ier my supervision				
SIGNATURE							3000-1		DATE	

DETAIL OF FORMATIONS PENETRATED TOP **FORMATION** воттом DESCRIPTION (SEE * BELOW) PLEASE SEE THE ATTACHED DRILLING REPORT Show all important zones of porosity, detail of all cores, and all drill-stem tests, including depth interval tested, NOTE cushion used, time tool open flowing and shut-in pressures, and recoveries. Attach drillers log or other acceptable log of well if available. This Well Completion or Recompletion report and well log shall be filed with the Missouri State Geologist **INSTRUCTIONS**

not later than 30 days after project completion.



Paola, KS 66071

WELL LOG Colt Energy, Inc. B-Johnson 1-17N

14-Sep-09

Oll & Gas Well Drilling Water Wells Geo-Loop Installation

Phone: 913-557-9083 Fax: 913-557-9084



Thickness of Strate	Formation soil & clay	<u>Total</u> 4
6	shale	10
1	Ilme	11
17	shale	28
	coal	29
17	shale	46
	coal	47
25	shale	72
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	coal	73
9	shale	82
	coal	83
59	shale	142
8	grey sand	150
16	shale	168
1	broken sand	167
16	grey sand	183
16	shale	199
5	broken sand	204
4	oil sand	208
5	broken send	213
5	oil sand	218
1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	broken sand	210
6	oll sand	225
	broken sand	226
4	oil sand	230
7	broken sand	237
7	oil sand	244
6	broken sand	250
4	oil sand	254
1	broken sand	255
3	silty shale	258
1	coal	259
30	shale	289
31	ilme	320 Mississippi
		320 TD

Cored 167-267 23.2" surface